Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 19 Aug 2021 until 23:59 on Friday 20 Aug 2021

Forecast Issued on Wednesday 18 Aug 2021 at 11:25

Confidence: High confidence for predominantly cloudy and rather dull conditions over the coming days and for a spell of heavy rain over the weekend. The main uncertainty relates to the extent of brighter weather in the east, and for timing of heavier rainfall.

Headline for Thursday 19 Aug 2021: A dull, damp start then some brighter spells by afternoon.

Mountain weather hazards on Thursday 19 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG		MIST			MIST	FOG
Fog	Fog	Drizzle	Mist	Cloudy	Cloudy	Mist	Fog
Precipitation probability							
30%	30%	40%	30%	20%	20%	20%	20%

Forecast for Thursday 19 Aug 2021

Weather: Contrasting conditions across the Dales through the day with the south and west seeing plenty of low cloud, often extensive, while the north (roughly north of the A684) and the eastern foothills will see the best of the shelter, perhaps even with some brief sunshine here. Spells of light rain and drizzle will accompany thickest cloud across the west.

Chance of cloud free mountain/hill tops above 600m: 20% south and west, 50% elsewhere.

Visibility: Cloud will be fairly extensive above 400m in the south and west, perhaps lifting for a few hours through afternoon but this is unreliable. Cloud more broken and mainly above 500m elsewhere. Visibility will be as low as a few hundred metres above this level, especially in rain or drizzle. Hazy on lower slopes in the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 19 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 W	10/13 W	9/12 W	8/13 W	9/13 W	9/14 W	7/10 W	4/7 SW	4/6 SW
300	7/15 W	6/13 W	5/10 W	5/11 W	7/12 W	7/13 W	5/9 W	2/6 W	2/5 SW
Valley	4/11 W	4/10 W	2/6 W	3/7 W	5/10 W	6/12 W	4/8 SW	1/4 S	1/3 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/7	9/7	10/8	12/10	12/11	12/11	11/10	10/10
300	12/11	12/11	12/11	13/13	14/14	15/14	14/14	12/12	12/12
Valley	14/13	13/13	13/13	14/14	16/15	16/15	15/15	14/14	12/12
Freezing Level*	3300m	3300m	3200m	2900m	2300m	2500m	2600m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility above modest elevations suggests lower level routes may be most rewarding. Best of the brightness expected across the more sheltered north and east.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 18 Aug 2021	0.6mm	9.2mm	9.2mm

Forecast for Friday 20 Aug 2021

Weather: Cloudy with further patchy rain or drizzle, this becoming more widespread through afternoon but generally remaining on the light side. Poor visibility will likely be the main hazard on the hills with plenty of hill fog.

Maximum wind: South 5-10mph.

Chance of cloud free mountain/hill tops above 600m: 30%.

Visibility: Large areas of cloud above 400m will drift northwards across the area bringing generally very poor visibility to the hills, with a real risk of disorientation. Visibility often hazy at low levels in rain and drizzle. Best shelter across the north.

Temperature: **Valleys:** Plus 12 Celsius rising to 20 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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